



<b>IN THE MATTER OF:</b>	)	<b>Docket No. 19-ERDD-01</b>
	)	
Request for Comments on Forthcoming	)	WEBINAR
Solicitation Regarding Climate Resilience	)	RE: Forthcoming Solicitation
in the Natural Gas Sector	)	Regarding Natural Gas Sector
_____		Climate Resilience

## NOTICE OF STAFF WEBINAR

California Energy Commission staff will conduct a staff webinar to seek input from stakeholders on the forthcoming solicitation regarding climate resilience in the natural gas sector. The webinar will be held on:

**Wednesday, May 22, 2019**  
**1:30 p.m. – 3:30 p.m.**

**California Energy Commission**  
**Sacramento, California 95814**

Remote access is available by computer or phone via WebEx™  
 (Instructions below)

## Agenda

Energy Commission staff is seeking input from stakeholders, including natural gas investor-owned utilities (IOUs), on goals and focus areas of the proposed research as well as mechanisms for engaging IOUs in a collaborative process. This webinar will:

1. Present potential research topics that may be funded by the Natural Gas Public Interest Energy Research (PIER) program in the area of fostering natural gas sector climate resilience.
2. Offer IOUs and other stakeholders the opportunity to weigh in, in a public forum, regarding research priorities as well as processes to facilitate production of actionable research.
3. Provide IOUs with the opportunity to state (at the webinar or through public comment submitted to the indicated docket) whether and how they would like to collaborate in the production of actionable research.

The proposed research intends to contribute to a scientifically sound basis for designing, implementing, and tracking progress with regard to natural gas sector climate resilience strategies. To ensure that funded research is actionable, the Energy Commission seeks to engage energy sector stakeholders, IOUs, early in and throughout the process. This webinar provides an opportunity for stakeholders to weigh

in regarding what they see as priority research gaps for fostering natural gas sector climate resilience in California. Feedback elicited during this webinar as well as through written public comments submitted to the docket will inform the specific research goals, scope, and approach to be targeted in a forthcoming Grant Funding Opportunity.

## **Background**

The FY 2018-19 funding plan and funding request for the Natural Gas Research and Development Program includes a research initiative on “Fostering Natural Gas Sector Resilience.”<sup>1</sup> The proposed research is intended to provide crucial support to the state’s efforts to foster natural gas sector resilience in partnership with IOUs.

### Research Goals

Based on input from IOUs voiced in public Energy Commission workshops in 2017, as well as additional findings gleaned from research (such as California’s Fourth Climate Change Assessment) and related discussions (such as Cal-Adapt Technical Advisory Committee meetings) in 2018, the following research goals may be considered for funding:

- Development of metrics to assess and track progress in natural gas system resilience.
- Identification of which scenarios are most important for stress-testing the natural gas system, with attention to infrastructure as well as operational considerations and interconnectedness with other critical systems. These scenarios may include, but are not limited to, compound events involving multiple climate stressors or climate stressors coupled with non-climate related factors.
- Analysis of sub-daily (e.g., hourly) historical observed precipitation data to delineate trends and support development of climate projections that illuminate extreme precipitation events of interest to California’s natural gas sector.
- Perform high-resolution reanalysis to provide improved historical baseline of a variety of weather-related parameters and a stronger basis for future projections;
- Development of methods for integrating resilience investments into cost-benefit analyses.

### Opportunity for Collaboration with IOUs

California’s natural gas IOUs are invited to collaborate to ensure that the funded research is responsive to their needs and concerns. There are several options for IOUs to collaborate in the development stage of a call for proposals:

---

<sup>1</sup> Magaña, Pilar. 2018. *Natural Gas Research and Development Program Proposed Program Plan and Funding Request for Fiscal Year 2018-19*. California Energy Commission Research and Development Division. Publication Number: CEC-500-2018-006. See p. 43.  
<https://www.energy.ca.gov/2018publications/CEC-500-2018-006/CEC-500-2018-006.pdf>

- This public webinar and the opportunity to submit written public comments to the docket is one mechanism for IOUs to help inform staff's internal process developing the research solicitation. All stakeholders can participate freely in public webinars, meetings, and comment opportunities without comprising their eligibility to bid on the forthcoming Grant Funding Opportunity.
- Natural gas IOUs are also invited to be involved in internal conversations regarding scoping of the Grant Funding Opportunity and review of proposals. However, any IOU that chooses to be involved in those non-public aspects of the Grant Funding Opportunity would be required to sign Non-Disclosure Agreements protecting the confidentiality of the process and to forfeit their eligibility to bid on the Grant Funding Opportunity.

### Questions

Energy Commission staff is seeking input from stakeholders, including natural gas IOUs, on goals and focus areas of the proposed research as well as mechanisms for engaging IOUs in a collaborative process. Specifically, staff seeks responses and comments on the following questions:

1. Which of the proposed research areas listed above are highest priorities?
2. Are there other research areas that would be higher priority for fostering natural gas sector resilience?
3. What specific suggestions would you make to improve the research scope and/or focus?
4. How should IOUs be involved to ensure the science is actionable? Possibilities include:
  - Partnering in crafting the solicitation (not eligible to apply).
  - Advising on technical advisory committee.
  - Applying for grants (not eligible to work on solicitation).
  - Partnering on applications with other researchers as lead.
5. Should any other considerations be incorporated into the Grant Funding Opportunity to facilitate funding of research that has a measurable impact?

## Public Comment

**Oral comments:** Staff will accept oral comments during the webinar. Comments may be limited to five minutes per speaker and one speaker per organization. Any comments may become part of the public record for this proceeding.

**Written comments:** Written comments must be submitted to the Docket Unit by **5:00 p.m. on May 29, 2019**. Written and oral comments, attachments, and associated contact information (e.g. address, phone number, email address) become part of the viewable public record. This information may also become available via any Internet search engine.

The Energy Commission encourages use of its electronic commenting system. Visit <https://efiling.energy.ca.gov/Ecomment/Ecomment.aspx?docketnumber=19-ERDD-01>, which links to the comment page for this docket. Select or enter a proceeding to be taken to the “Add Comment” page. Enter your contact information and a comment title describing the subject of your comment(s). Comments may be included in the “Comment Text” box or attached in a downloadable, searchable Microsoft® Word (.doc, .docx) or Adobe® Acrobat® (.pdf) file. Maximum file size is 10 MB.

Written comments may also be submitted by email. Include the docket number 18-ERDD-01 and “Comments on Forthcoming Solicitation Regarding Climate Resilience in the Natural Gas Sector” in the subject line and send to [docket@energy.ca.gov](mailto:docket@energy.ca.gov).

If preferred, a paper copy may be submitted to:

California Energy Commission  
Docket Unit, MS-4  
Re: Docket No. 19-ERDD-01  
1516 Ninth Street  
Sacramento, CA 95814-5512

## Public Adviser and Other Commission Contacts

The Energy Commission’s Public Adviser’s Office provides the public assistance in participating in Energy Commission proceedings. For information on how to participate in this forum, please contact Acting Public Adviser Jennifer Martine-Gallardo, at [PublicAdviser@energy.ca.gov](mailto:PublicAdviser@energy.ca.gov), (916) 654-4489, or toll free at (800) 822-6228.

Please direct requests for reasonable accommodation to Yolanda Rushin at [yolanda.rushin@energy.ca.gov](mailto:yolanda.rushin@energy.ca.gov) or (916) 654-4310 at least five days in advance.

Media inquiries should be directed to the Media and Public Communications Office at [MediaOffice@energy.ca.gov](mailto:MediaOffice@energy.ca.gov) or (916) 654-4989.

Questions on the subject matter of this meeting should be directed to Susan Wilhelm at [susan.wilhelm@energy.ca.gov](mailto:susan.wilhelm@energy.ca.gov) or (916) 327-1545.

## Remote Attendance

WebEx is the Energy Commission's online meeting service. When attending remotely, presentations will appear on your computer/laptop/mobile device screen and audio may be heard via the device or telephone. Please be aware that the WebEx meeting may be recorded. WebEx technical support is available at 1-866-229-3239.

**Via Computer:** Go to <https://energy.webex.com/ec>. If this event is listed, click "Join." If not, click the "Home" tab on the top left of your screen and enter Event Number **924 383 756**. When prompted, enter your name and email address. No password is needed.

The "Join Conference" menu offers a choice of audio connections:

1. To call into the meeting, select "I will call in" and follow the on-screen directions.
2. International attendees, select "Global call-in number."
3. To have WebEx call you, enter your phone number and click "Call Me." This step will not work if your number has an extension.
4. For Internet audio: If you have a broadband connection, a headset, or a computer microphone and speakers, you may use VoIP (Internet audio). Go to the audio menu and click "Use Computer Headset," then "Call Using Computer."

**Via Telephone:** (no visual presentation): Call 1-866-469-3239 (toll free in the U.S. and Canada) and when prompted, enter the meeting number above. International callers may select a number from <https://energy.webex.com/energy/globalcallin.php>.

**Via Mobile Device:** Download the application from [www.webex.com/products/web-conferencing/mobile.html](http://www.webex.com/products/web-conferencing/mobile.html).

**Muting:** We greatly appreciate your cooperation in reducing background noise on the audio connection by muting your line when you are not speaking. Mute your line rather than placing your phone on hold. Using WebEx, right click on your name in the panelists or attendees list and select "Mute." If you are using a telephone connection, press "\*6" once to mute and again to unmute.

## Availability of Documents

Documents and presentations for this meeting will be available at <https://efiling.energy.ca.gov/Lists/DocketLog.aspx?docketnumber=19-ERDD-01>.

Dated: May 9, 2019 at Sacramento, California

---

Laurie ten Hope  
Deputy Director, Energy Research and Development Division

Mail Lists:

climatechange listserv

opportunity listserv

naturalgas listserv

research listserv